

Converting Colors

XYZ(34.3505, 44.0367, 25.8860)

Have a look what the booklet for
XYZ(34.3505, 44.0367, 25.8860)
contains.

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Color

**XYZ(34.1990, 43.9057,
25.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	96BC7C
RGB	150, 188, 124
RGB Percent	59%, 74%, 49%
CMY	0.4118, 0.2627, 0.5137
CMYK	0.20, 0.00, 0.34, 0.26
HSL	96°, 32%, 61%
HSV	96°, 34%, 74%
XYZ	34.1990, 43.9057, 25.7410
YIQ	169.3420, -2.1040, -27.9600

Conversions

Conversions Part 2

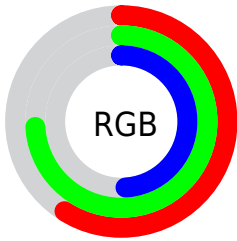
Format	Color
RYB	124, 188, 162
Decimal	9878652
CIELab	72.17, -24.40, 28.34
CIELCh	72, 37.396, 130.720
Yxy	43.9057, 0.3293, 0.4228
Android (android.graphics.Color)	4288068732 (0xFF96BC7C)
YUV	169.3420, -22.3536, -16.9629
Hunter-Lab	66.2614, -23.8295, 23.3502

Details

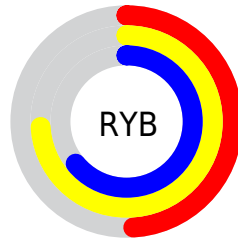
The XYZ color **34.1990, 43.9057, 25.7410** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.1869, 25.7288, 50.9018**, and the grayscale version is **37.9905, 39.9690, 43.5262**.

A 20% lighter version of the original color is **65.4633, 80.8548, 53.7512**, and **14.9370, 20.4190, 9.6326** is the 20% darker color. If you saturate the color by 10%, you get **31.1646, 42.4673, 19.9735**, and if you desaturate by 10%, it is **37.6581, 45.5395, 32.7134**.

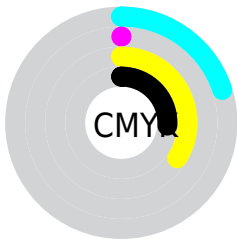
Distribution



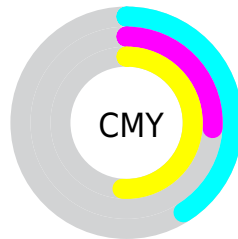
- Red (59%)
- Green (74%)
- Blue (49%)



- Red (49%)
- Yellow (74%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (34%)
- Black (26%)





- Cyan (41%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1990, 43.9057, 25.7410 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.1990, 43.9057, 25.7410 by changing the saturation by 10% instead.


 34.1990, 43.9057,
25.7410


 34.1990, 43.9057,
25.7410


312.5888,
362.3233, 295.0733


 23.2101, 30.5964,
16.4060


 65.5852, 81.0758,
53.8358

 14.8703, 20.2917,
9.6544


 86.7133, 105.7054,
73.4326

 8.8141, 12.6073,
5.0678

 111.9519,
134.8772, 97.2870

 4.6763, 7.1587,
2.2277

141.6662,
168.9757, 125.8177

 2.0914, 3.5615,
0.6903

176.2217,
208.3851, 159.4431

 0.6845, 1.4314,
0.0000

215.9838,

 0.0000, 0.2397,

253.4899, 198.5818

0.0000

261.3177,
304.6745, 243.6524

■ 0.0000, 0.0000,
0.0000

■ 34.1990, 43.9057,
25.7410

■ 34.1990, 43.9057,
25.7410

■ 31.1646, 42.4673,
19.9735

■ 37.6581, 45.5395,
32.7134

■ 28.5331, 41.2105,
15.3397

■ 41.5557, 47.3705,
40.9509

■ 26.2858, 40.1288,
11.7654


■ 45.9089, 49.4076,
50.5127


■ 24.4008, 39.2126,
9.1664


■ 50.7331, 51.6573,
61.4539


■ 22.8534, 38.4514,
7.4457

■ 56.0426, 54.1262,
73.8262


 21.6147, 37.8328,
6.4859

 61.8513, 56.8201,
87.6786

 20.9941, 37.5199,
6.1356

 68.0750, 59.7059,
102.5442

 71.7349, 61.5926,
102.7155

 75.6277, 63.5995,
102.8977

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.4811, 43.9057, 20.8434



34.1990, 43.9057, 25.7410



31.1490, 43.9057, 37.0768

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.1990, 43.9057, 25.7410



37.7940, 43.9057, 89.4422



55.0439, 43.9057, 41.5386

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.1990, 43.9057, 25.7410



31.1869, 25.7288, 50.9018

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.4734, 43.9057, 60.4275



34.1990, 43.9057, 25.7410



44.0649, 43.9057, 91.5277

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.1990, 43.9057, 25.7410



33.0730, 43.9057, 74.7148



50.2950, 43.9057, 79.8427



51.7819, 43.9057, 28.2850

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.1990, 43.9057, 25.7410



30.5847, 43.9057, 48.2507



50.2950, 43.9057, 79.8427



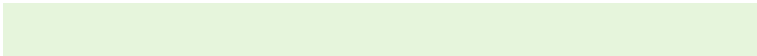
55.3017, 43.9057, 47.3637

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.2001, 43.9076, 25.7420



78.2706, 87.2349, 80.6453



37.1821, 37.7548, 24.3972



16.5979, 18.6500, 16.8321



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2001, 43.9076, 25.7420



57.7156, 77.5502, 38.4858



30.2814, 41.8474, 27.3674



9.7659, 10.8337, 10.1530



14.3728, 25.5853, 4.1809



0.6373, 1.0405, 0.1672

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.1869, 25.7288, 50.9018



51.3996, 39.4995, 91.1413



36.4610, 28.5129, 48.2021



9.5449, 9.4978, 12.0024



10.7837, 4.8453, 32.7598



0.4947, 0.2271, 1.2866

Previews

White Background



This preview shows how the XYZ color 34.1990, 43.9057, 25.7410 looks on a white background.

Color Contrast Check

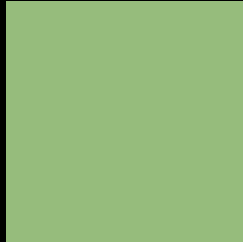
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.1990, 43.9057, 25.7410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

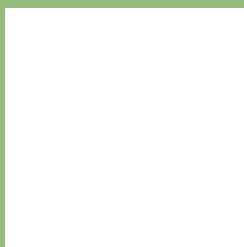
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1990, 43.9057, 25.7410

Background



This preview shows how black text looks on a background with the XYZ color 34.1990, 43.9057, 25.7410.



This preview shows how white text looks on a background with the XYZ color 34.1990, 43.9057,

25.7410.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.1990, 43.9057, 25.7410

Protanopia

40.3410, 43.4589, 23.7150

Deuteranopia

44.3787, 43.4898, 26.4774



Tritanopia

40.5556, 43.7123, 57.3387

Trichromacy



Original Color

34.1990, 43.9057, 25.7410

Protanomaly

37.6769, 43.2531, 24.4521

Deuteranomaly

40.0951, 43.2743, 26.3182

Tritanomaly

37.7940, 43.4886, 43.9383

Monochromacy



Original Color

34.1990, 43.9057, 25.7410

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.1754, 41.0320, 36.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1990, 43.9057, 25.7410 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 188, 124)` looks like.

```
.text, #text, p{  
    color:rgb(150, 188, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 188, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 188, 124) }
```

Border

The CSS property to change the border of an element to XYZ 34.1990, 43.9057, 25.7410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 188, 124) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 188, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 188, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 188, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 188, 124);  
box-shadow:4px 4px 4px 4px rgb(150, 188,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1990, 43.9057, 25.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 188, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
188, 124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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